



TEHNISCHE DATEN

- Voltage 230 V- (Also available each desired voltage)

- Power 150 Watt/m²

- Test voltage 5 kV

- Peak temperature 90°C

- Safeguard FI

- Bend radius 30 mm

- Lowest installation temp. 5°C

GARANTIE - 10 JAHRE

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Thin Bed Heating Mats

Economical and comfortable warmth from your floors;
with affordable installation costs and low energy use!



THE ADVANTAGES OF THE HEATING SYSTEM IN THE OVERVIEW

- * Only (2.5mm)
- * Quick heating reaction
- * Low-cost investment
- * Easy installation
- * Simple regulation through room thermostat and floor sensor

POSSIBLE FLOOR

tile
marble
laminat flooring
pvc
parquet
carpet

Electric Heating has developed a reputation for having high usage cost. Yet do not confuse electric sub-floor heating with convection or hot air heating systems. Also in contrast to classic heating techniques, which involve the burning of fossil fuels, radiant floor heating offers lower energy-use costs through a lower temperature warming.



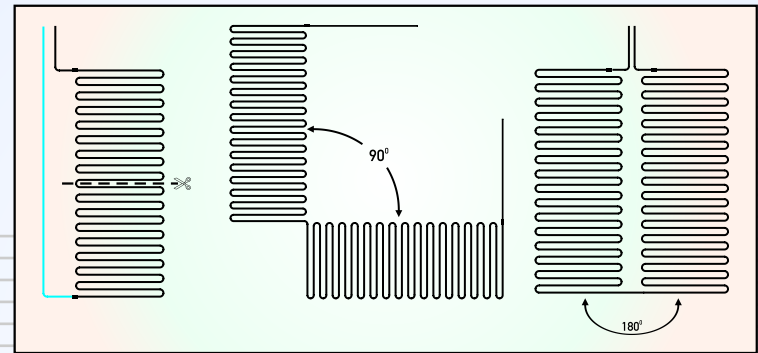
Special electric radiant heating, in any configuration, is cheaper to install than conventional heating systems and offers the highest level of comfort in your home. You will more than make up for the initial cost outlay when you compare the cost of radiant heating systems with conventional heating costs. By the time you have paid for a conventional heating system, it is often time for further maintenance or a new boiler.

Radiant floor heating consists of heating cables laid underneath the floor, therefore unexposed to wear and tear and free from further maintenance costs. The user must not concern himself with filling tanks, chimney cleaning or other maintenance procedures. The energy source is always present and ready to be activated.

Outlook fuel cells

In our opinion, in the foreseeable future it is possible that every household will be able to produce its own power, making radiant floor heating the ideal heating system.

The cost is calculated by the square meter. This way it is simple for you to figure out the expense of your heating needs. For larger areas, for which our largest heating mats are too small, you will need to lay the required number of heating mats parallel to one another. For your safety there is grounding mechanism built into the system. You receive the comfort of knowing that any electro-magnetic waves are deflected away from your home.



INSTALLATION

Make sure according to the installation plans, in which configuration the heating mats will be laid down, and where exactly the thermostat sensor will be situated. (Temperature sensor pipe should be parallel to wiring pipe. See layout plan). The piping for the thermostat sensor must be installed underneath the mats and between the heating cables. For this thermostat sensor pipe you will need to drill a groove in the subfloor. The feed cables should be threaded through the pipe and secured according to installation plans. Be aware at this point that more heating mats may be installed in the future. The subsurface must be swept and free of wax or oil, before the installation of the heating mats.

TEMPERATURE CONTROLS



The temperature is controlled by a thermostat, which will be mounted at regular switch height. The temperature sensor has its own installation tube and must be installed directly underneath the heating mats and between two heating cables. This will guarantee the perfect set-up to correctly measure the temperature. With the thermostat, you control your desired heating temperature. The timer will help to run your heating system efficiently. With a 24 hour digital clock, you can program your desired heating times.